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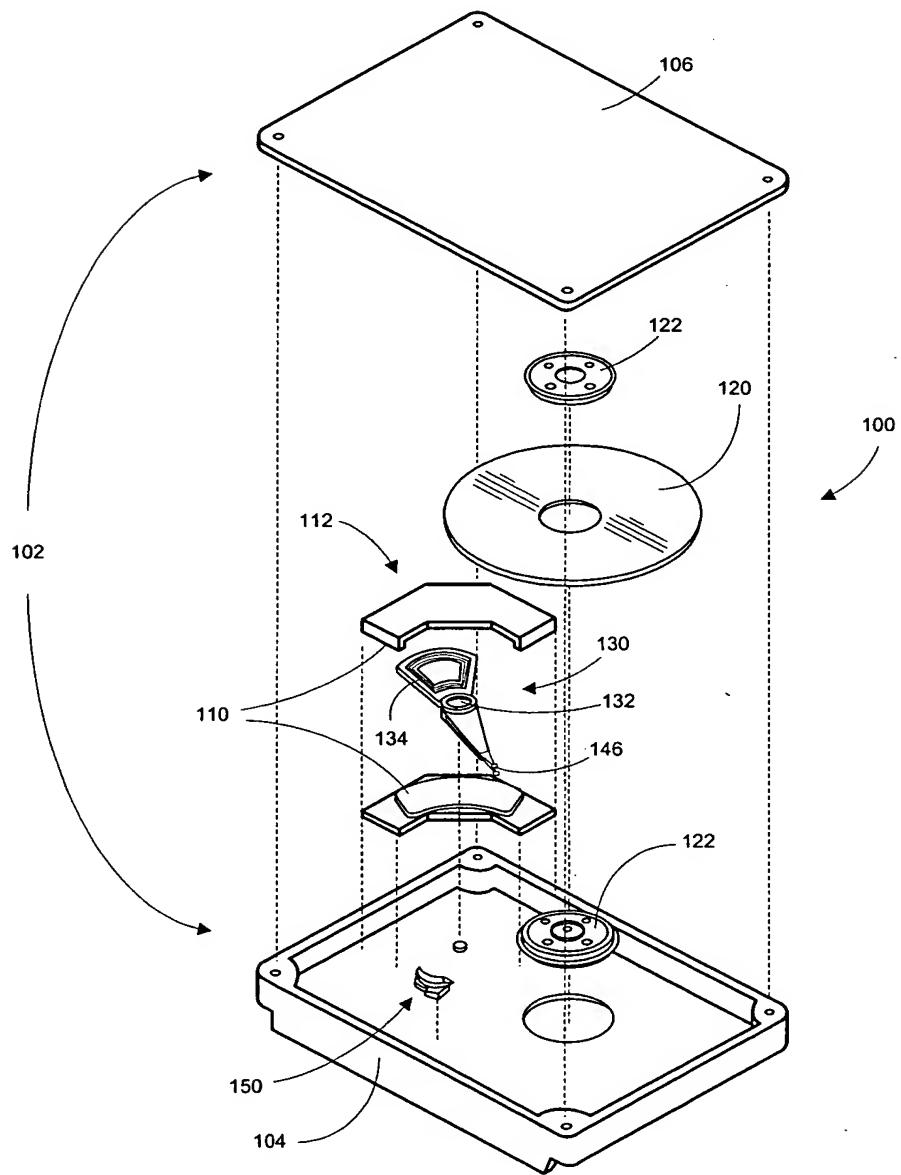


FIG. 1

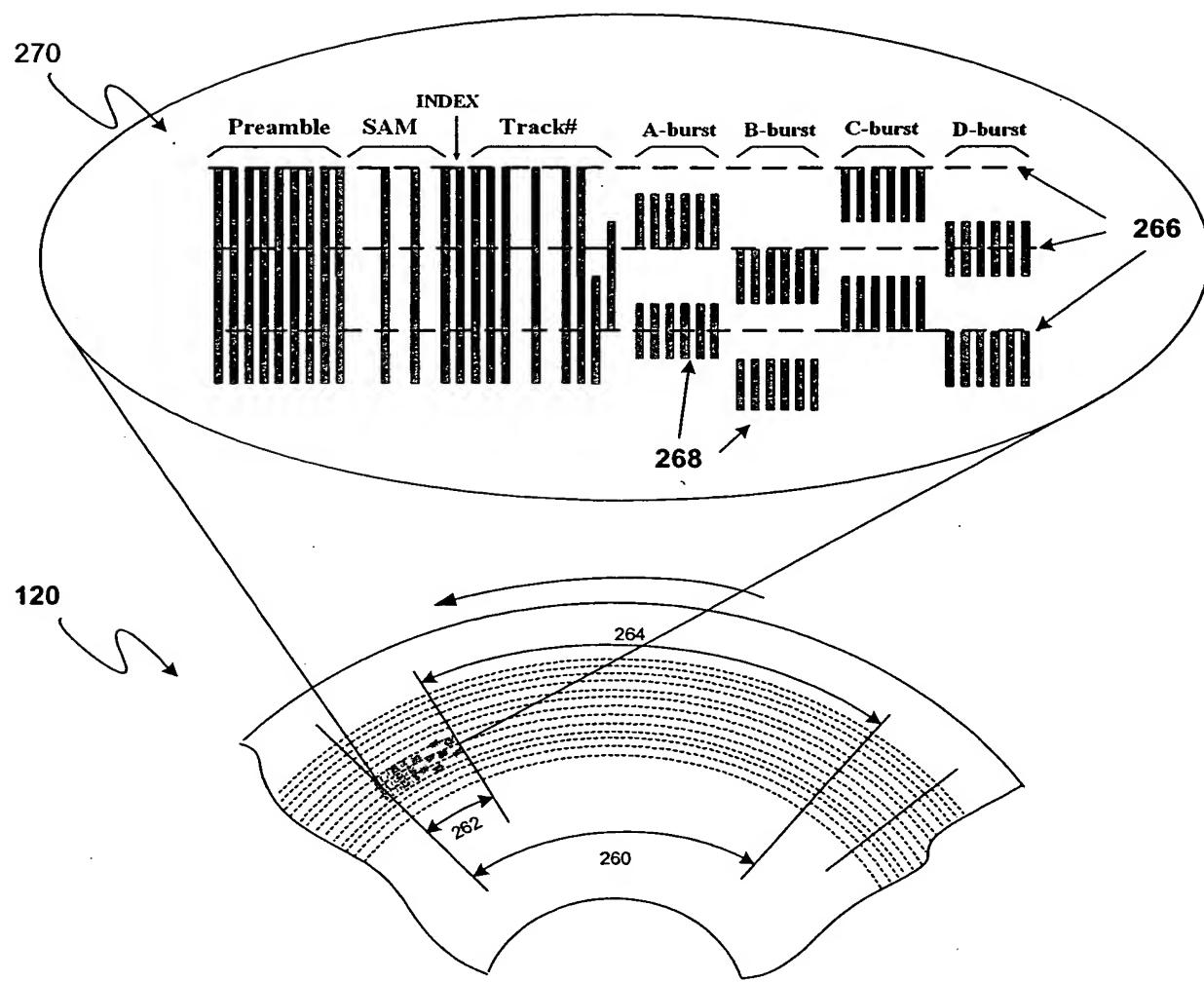


Figure 2

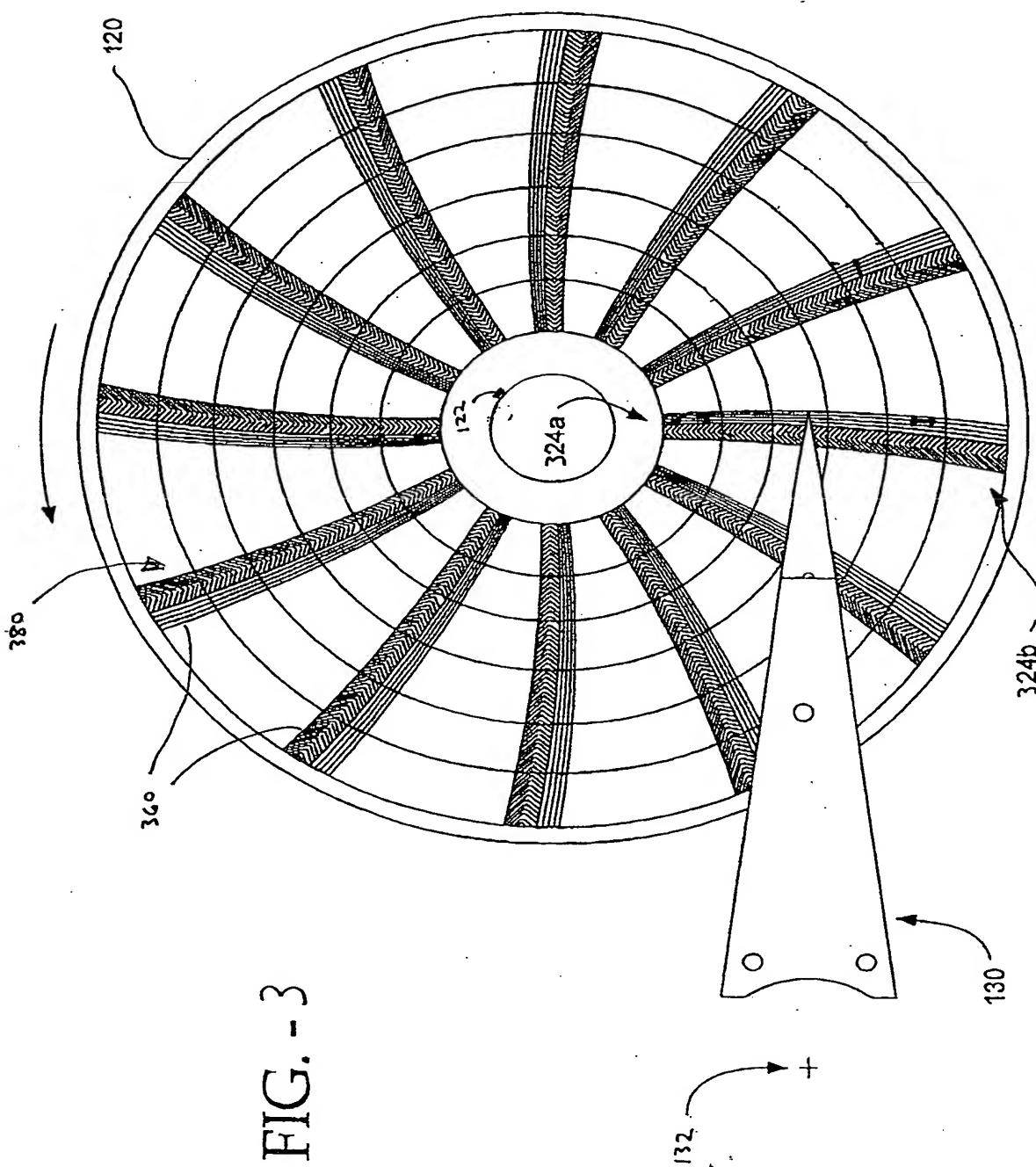


FIG. - 3

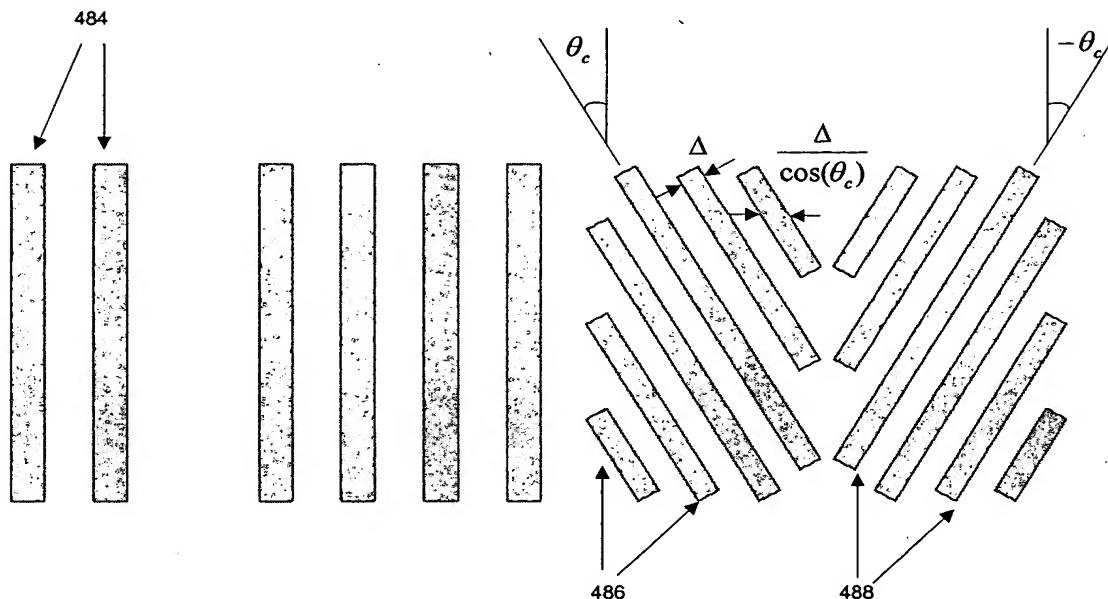


FIG. 4A

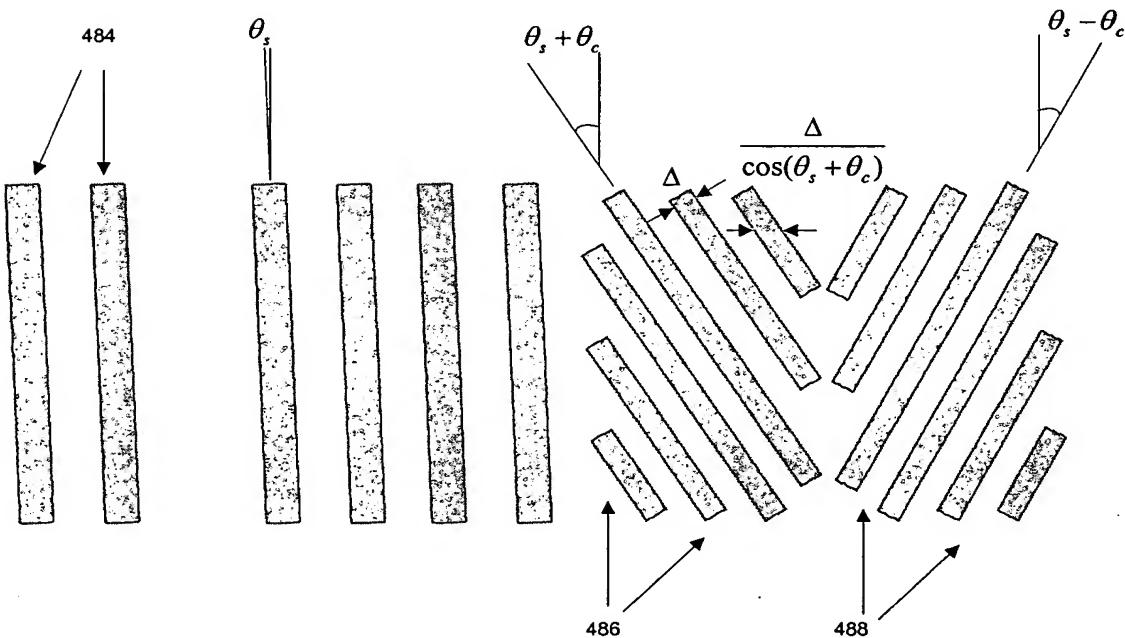


FIG. 4B

Title:METHODS TO DETERMINE GROSS AND FINE POSITIONING ON A REFERENCE SURFACE OF A MEDIA
Docket No.: PANA-01081US4 Inventor(s): Richard Ehrlich, et al.
Serial No.: Unassigned Attorney: Sheldon R. Meyer
Confirm. No.:Unknown Phone: (415)362-3800
Filed: Herewith Express Mail No.: EV327621908US

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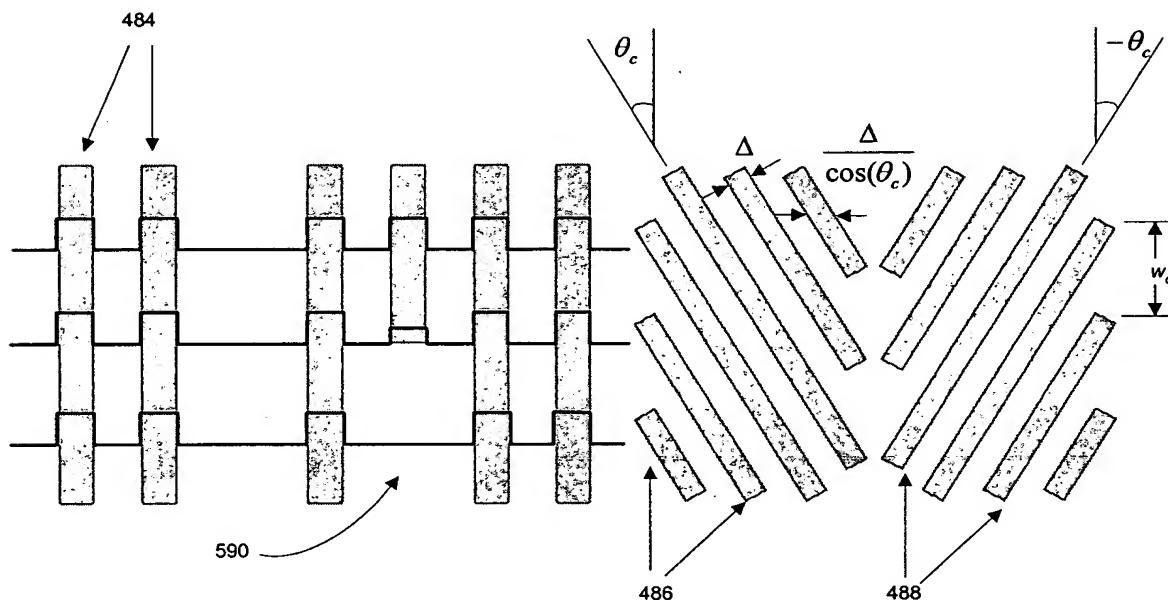


FIG. 5